APPENDIX 1

Water Level Data

Appendix 1 Water Level Data Muscoy Plume OU RI/FS

Well Number	Top of Casing (TOC) Elevation (ft.)	Depth to Water (ft. from TOC)	Groundwater Elevation (ft. from TOC)
MUNI-101 Olive and Garner	1130.00	189.5	940.5
MUNI-102 Baseline	1185.56	155	1030.56
MUNI-103 State St.	1214.58	158.58	1056.0
MUNI-104 19th St. #1	1231.03	207.5	1023.53
MUNI-105 Mt. Vernon	1258.75	229	1029.75
MUNI-107 Colima	1278	253	1025.0
MUNI-108 Mallory	1319.84	249	1070.84
MUNI-109 Paperboard	1328.00	293.53	1034.47
MUNI-112 Cajon Wash #3	1665.00	39.0	1626.0
MUNI-25 10th and J St.	1110.00	154	956.00

APPENDIX 2

Sample Alteration Checklists

URSTOMT Only TOCK: 0239 Project #: 62357 Loc: 09.24 Type2



Exhibit 2.4-7

Sample Alteration Checklist NEWMARY GROUND WATER CONTINUMATION SUFERFUND

Project Name and Number: SITE -MUSCOY OV MTERIM SAMPLING - 62251.50, Material to be Sampled: ORGANK - FREE WATER Measurement Parameter: AS DRWKING VATEZ VICS Standard Procedure for Field Collection and Laboratory Analysis (cite references): SAMPLE PLAN SELTION 6.8.3, P84 " ONE TB (TEPBANK), SCHEDULED FOR ANALYSIS OF VOLS, WILL BE INCLUDED IN FACH SHIPMG CONTAINER WITH VOC WATER SAMPLES" Reason for Change in Field Procedure or Analytical Variation: OVERLOWED THE NEED TO INCLUDE THE YOU TRP BLANK ON THIS Variation from Field or Analytical Procedure: DID NOT WELVEE A TRP BLANK WITH THE SAS DRANKING WATER VOC SAMPLES SHAPEDA ONE LEASS 1/02 WATER SAMPLE. ON 4/28/93 LE 4/20/93 Special Equipment, Materials or Personnel Required: ____ Date: 04/29/93 - FIELD LOOPDINATOR Initiators Name: For -SITE MANAGER Project Approvati Laboratory Approval: Date: QA Officer/Reviewer: _____ Date: ____ TDMT Filing: Date:

URS TOMT Only TDCN: <u>0240</u>
Project #: 6225 Loc: 09, 24 Type 24



Sample Alteration Checklist NEWMACK GROWDVATER CONTAMINATION SIPERFUN
Project Name and Number: 51TE - MUSICON ON INTESTIM SAMPLING -62251, SO, 40
Material to be Sampled: ORGAWW - FREE WATER
Measurement Parameter: JAS DENKING WATER VOCS
Measurement Parameter: NO DEPORTED WIN TOOL VOCS
Standard Procedure for Field Collection and Laboratory Analysis (cite references): SAMPLE PALAN
TABLE 5-2) COLLECT A FIED BLANT WHILE SAMPLING
MUNICIPAL WELL MINIT-112-01, CALLED WFI11Z-01
•
Maril 113
Reason for Change in Field Procedure or Analytical Variation: MUNI-112 was NOT
gratable for Samply on the schedules 1097
•
Variation from Field or Analytical Procedure: LOWENTS THE FIELD BLANK
Variation from Field or Analytical Procedure:
WHILE GAMPING MINT-110-01 CALLED WFIINO-01.
NO CARNOE IN TOTAL NUMBERS OF ANALYSES
Special Equipment, Materials or Personnel Required:
.0 7
Initiators Name: The Courd INATOR Date: 14/29/93 Date: 04/29/93
Project Approvat Date: 04/29/43
Laboratory Approval: Date:
QA Officer/Reviewer: Date:
TDMT Filing: Date:

Project # (e Z & S) Loc: 10.24 Type 24

URS Consultants

Exhibit 2.4-7 Alteration Chacklist

Sample Alteration Checklist
NEWMARK OW CONTAMINATION SUPERFUND SITE -
Project Name and Number: WWSCOY WTEXIM SAMPUNG 62251.50.50
Material to be Sampled: ORGANIC - FIREE WATER
Measurement Parameter: 9AS DEWKING WATER VOCS
Standard Procedure for Field Collection and Laboratory Analysis (cite references): SECOND FIELD Haks TRIP BLANK SHIPPED FROM SITE CALLED
HELD YEARS IKIT SUPER SMETTER SILE CHURD
WTROZ-01 (TABLE 5-1 P46 SAMPLE PLAN)
Reason for Change in Field Procedure or Analytical Variation: <u>AUDENTAULY</u> NUMBERED
As wtrol-oz.
7V3 W [1-0] 0- 1
Variation from Field or Analytical Procedure: NO CHANGE IN ANALYSES
TOTALS.
Consist Equipment, Metarials or Developed Degulards
Special Equipment, Materials or Personnel Required:
0 1
Initiators Name: FIELD USOLDINATOR Date: 04/29/93 Project Appropriate Description Of The MANAGER Date: 04/29/93
Project Approval: Date: 04/29/93
Laboratory Approval: Date:
QA Officer/Reviewer: Date:
TDMT Filing: Date:

URIS TOLIT ONLY TOCN: 0242

Project #: 6225 | Loc: 09.24 Type 24



Sample Alteration Checklist NE MARY GRONDWATER CONTAMINATION SUPERFUND	
NEWWARK GROWNDWATER CONTRAMATION SUPERFUND 40 Project Name and Number: SITE - MUSICA BU WIETER SAMPLING 62251, 50.50	
Project Name and Number:	
Material to be Sampled: GCOUNDWATER	
Measurement Parameter: MATRIX SPIKE AND MATRIX SPIKE DUPLIATE LAB ANALY	かり
Standard Procedure for Field Collection and Laboratory Analysis (cite references): SAMPLE PLAN TABLES 5-1 AND 5-Z) DEDIGNATE WMWOGA-ZI AS	
A LAB QL (MS/MSD).	
Reason for Change in Field Procedure or Analytical Variation: WANTED TO ASSIGN A LAB RL (MS/MD) AT THE BECONNING OF THE GAMPUNG EVENT, REXL NOTED THAT BOTH VMWOGA-21 AND MWAI-III-01 WERE BOTH ASSIGNED LAB QL AND WORE IN THE SAME SDG, MWNI-III-01 WAS CHOSEN SINKE IT EXCOMPASSES ALL ANALYSES FOR WHILL LABOL CAN BE DON Variation from Field or Analytical Procedure: MUNI-III-01 OKGANUS (BNA & P/PZB), THE TOTAL METALS AND APPLICABLE WATER CHEMISTRY ANALYSIS USED FOR MS/MSD OF FIRST GAMPLE DELIVERY GROUP FOR MUSICAL SAMPLING.	
NO CHANGE W ANALYSES OF TOTAKS	
Special Equipment, Materials or Personnel Required:	
Initiators Name: The Description Date: 04/29/93 Project Approval: Date: 04/29/93 Date: 04/29/93	
Laboratory Approval: Date:	
QA Officer/Reviewer: Date:	
TDMT Filing: Date:	

URSTUHT Only TDCN: 0243
Project #: 6221 Loc: 09, 24 Type: 24



Exhibit 2.4-7

Sample Alteration Checklist

NEWMARK GROUNDWATER CONTA	
Project Name and Number: SITE - MUKOY OU WITE IM SAM	PLING 62251,50,40
Material to be Sampled:	•
Measurement Parameter:	
Standard Procedure for Field Collection and Laboratory Analysis (cite references): GETTION 610 P 55, "ALL AVAILABLE INFO PELOPDED ON THE MUNICIPAL WELL INFORM	MATION WILL DES
Reason for Change in Field Procedure or Analytical Variation: NO ADDITION WAS ALPEADY BEEN COLLENTED, IN ADDITION OF THE MANUAL WELL WAS SHEET	TION, GOME P 10 RECORDED
Variation from Field or Analytical Procedure: HALTED THE PER COMPLETION AND VIE OF THE MUNICIPAL MYO. SHEET	RUPED WEU
Special Equipment, Materials or Personnel Required:	
Initiators Name:	Date: 04/29/93 Date: 04/29/93
QA Officer/Reviewer:	Date:
TDMT Filing:	Date:

URS TOUT ONLY TOCH: 0244

Project #: 6725 Loc: 09, 24 Type: 24

URS Consultants

Sample Alteration Checklist
NEWMARK GEOWNDUATER CONTAMNATION SUPERFUND
Project Name and Number: SITE - MUSCOY & INTERIM SAMPLING 62251.50,40
Material to be Sampled: GROUND WATER
Measurement Parameter: VOAS, BNA, PIRBS, (PA 61D, COTAL METRS, AMONS, EX, PA
ALYALINITY, TIS, & TOTAL HARDNESS
Standard Procedure for Field Collection and Laboratory Analysis (cite references): <u>SAMPLE PLAN</u> TABLE 4-2 P 40 - MWI-110 & MWI-111 URS DESIGNATIONS
ARREY TO MUSICAL MATTER COMPANY WELLS
5 AND: #Z, PESPECTIVELY.
Reason for Change in Field Procedure or Analytical Variation: WELLS #5 AWD #2
NOT SAMPLYBUE DUE TO NOPERCITO STODUS,
The property states of the sta
Variation from Field or Analytical Procedure: MUSCON MWTUAL CD. WEUS
#3 AND #1 VIED IN PLACE OF #5 AND #Z
FOR MINIT-110 & MINIT-111, NO CHANGE IN
NUMBER OF ANALYSES.
Special Equipment, Materials or Personnel Required:
Ly Sin - FIELD COORDINATUR DY/20/93
Initiators Name: Date: 04/29/93 Project Approval: Date: 04/29/93 Date: 04/29/93
Laboratory Approval: Date:
QA Officer/Reviewer: Date:
TDMT Filing: Date:

URS 10/11 Only | TDCN: 0245 Project #: 6220 Loc 09, 24 Type 24



Sample Alteration Checklist NEWMARK GROUNDWATER CONTRAMINATION SUPERFUND
Project Name and Number: SITE - MUSCOY OU WIEZIM SAMPLING-62251.50.
Material to be Sampled: GROUNDWATER
Measurement Parameter: SAS VOCS, ANIANS, ALVALINITY, TOTAL MARDNESS &
PAS TOTAL METHS
Standard Procedure for Field Collection and Laboratory Analysis (cite references): 54mple Pull
PEN O TABLE 5-1, WMWOII-ZI WILL BE
SAMPLED FOR THE MEASUREMENT PARAMETERS
LISTED ABOVE.
Reason for Change in Field Procedure or Analytical Variation: Poss, BE DAMPAE
OR LAUR OF WATER IN PORT I CREATED
MINUTE SAMPLE "SLUBS" OF WATER
<u> </u>
Variation from Field or Analytical Procedure: OVLY OVE 40 ml VOA VIAL
Variation from Field or Analytical Procedure: OVLY OVE 40 ml VOA VIAL WAS COLLECTED FOR SAB DW VOC ANALYSIS, MO
WAS COLLECTED FOR GAS DW VOC ANALYSIS, MO
OTHER GAMPLE VOLUME COULD BE COLLECTIED, MET
WAS COLLECTED FOR GAS DW VOC ANALYSIS, MO OTHER GAMPLE VOLUME COULD BE COLLECTIED, MET RESULT - ONE LESS GAS ANIONS, ALKALINITY,
WAS COLLECTED FOR SAS DW VOC ANALYSIS, MO OTHER GAMPLE VOLUME COULD BE COLLECTIED, MET RESULT - ONE LESS GAS ANIONS ALKALINITY, TOTAL HARDNESS & PAS TOTAL METALS SAMPLE
WAS COLLECTED FOR SAS DW VOC ANALYSIS, MO OTHER GAMPLE VOLUME COULD BE COLLECTIED, MET RESULT - ONE LESS GAS ANIONS ALKALINITY, TOTAL HARDNESS & PAS TOTAL METALS SAMPLE
WAS COLLECTED FOR SAS DW VOC ANALYSIS, MO OTHER GAMPLE VOLUME COULD BE COLLECTIED, MET RESULT - ONE LESS GAS ANIONS ALKALINITY, TOTAL HARDNESS & PAS TOTAL METALS SAMPLE
WAS COLLECTED FOR SAS DW VOC ANALYSIS, MO OTHER GAMPLE VOLUME COULD BE COLLECTED, MET RESULT - ONE LESS GAS ANIONS ALKALINITY, TOTAL HARDNESS & PAS TOTAL METALS SAMPLE VE 91193 LOU WAS COLLECTED
WAS COLLECTED FOR SAS DW VOC ANALYSIS, MO OTHER GAMPLE VOLUME COULD BE COLLECTED, MET RESULT - ONE LESS GAS ANIONS ALKALINITY, TOTAL HARDNESS & PAS TOTAL METALS SAMPLE VE 91193 LOU WAS COLLECTED
WAS COLLECTED FOR SAS DW VOC ANALYSIS, NO OTHER GAMPLE VOLUME COULD BE COLLECTED, MET RESULT - CINE LESS GAS ANIONS ALKALINITY, TOTAL HARDNESS & PAS TOTAL METALS SAMPLE UZ 9,1493 DOUL WAS COLLECTED Special Equipment, Materials or Personnel Required:
WAS COLLECTED FOR SAS DW VOC ANALYSIS, NO OTHER GAMPLE VOLUME COULD BE COLLECTED, MET RESULT - CINE LESS GAS ANIONS ALKALINITY, TOTAL LANDNESS & PAS TOTAL METALS SAMPLE US 9,1493 DOU WAS COLLECTED Special Equipment, Materials or Personnel Required:
WAS COLLECTED FOR GAS DW VOC AWALYSIS, NO OTHER GAMPLE VOLUME COULD BE COLLECTED, MET RESULT - ONE LESS GAS ANIONS ALKALINITY, TOTAL WARDNESS & PAS TOTAL METALS SAMPLE UZ 91/93 DOUL WAS COLLECTED Special Equipment, Materials or Personnel Required: Initiators Name: - FIELD COUPDIANTOR Date: 5/5/93
WAS COLLECTED FOR SAS DW VOC ANALYSIS, NO OTHER GAMPLE VOLUME COVED BE COLLECTED, MET RESULT - ONE LESS GAS ANIONS ALKALINITY, TOTAL HARDNESS & PAS TOTAL METALS SAMPLE UZ 911/13 DOLL WAS COLLECTED Special Equipment, Materials or Personnel Required: Initiators Name: - FIELD COUPDIANTOR Date: 5/5/93 Project Approval: - 5/17E MANAGER Date: 5/5/93

URS 10M1 Only TDCN: 0246
Project #: 62251 Loc: 09.24 Type: 24



Sample Alteration Checklist NEWMARK GROWDWATER CONTRAMINATION SUPERFUND	
Project Name and Number SITE - MUSCOY OU WIERIM SAMPLING-62251.50.	
Material to be Sampled: GROWDWATER	
Measurement Parameter: SAS VOCS, ANIANS, ALKAUNITY, TOTAL HAPONESS &	
Standard Procedure for Field Collection and Laboratory Analysis (cite references):	グ
SECTION 6.2.3 P. 66, "PRIOR TO THE COLLECTION OF THE	
GROUNDWATER SAMPLES, EACH SAMPLING PORT INTERVAL	
WILL BE PURBED OF ONE INTERIAL VOLUME (EDVINAGNOTTO 12)	5 GA
Reason for Change in Field Procedure or Analytical Variation: SAMPUNG WTERMS	
G, A, & I WERE EXTREAMELY DIFFICULT TO	
EXTRACT WATER FROM DUE TO UNIGHOUN PROBLEMS,.	
AFTER AN EXTENSIVE AMOUNT OF TIME SPENT	
ON EACH PORT, THE PROJECT SCHEDULE DEMANDED	
SAMPYNG.	
Variation from Field or Analytical Procedure: PRIOR: TO SAMPLING THE FOLLOWING	
VOLUMES WERE PURCED FROM THE MWOI INTERVING:	
PORT PURGED (GALS)	
<u>G</u> 3.25	
H 7.0	
I 1.175	_
ALL OTHER INTERVALS WERE PURCED OF 12.5 OR GREATER GAL Special Equipment, Materials or Personnel Required:	7 ,
Initiators Name: January - FIELD COUPDIANTOR Date: 5/5/93 Project Approval: 5/5/93	
Project Approval:	
Laboratory Approval: Date:	
QA Officer/Reviewer: Date:	
TDMT Filling: Date:	

Date:



Exhibit 2.4-7

Sample Alteration Checklist
NEWMARK GROUNDWATER CONTAMINATION SUPERFUND Project Name and Number: SITE - MUSCOY OU WIERIM SAMPLING-62251.50. Material to be Sampled: _ GROUND WATER Measurement Parameter: SAS DW VOLS SAS ANIONS ANALINITY, TO TAL HAPDWESS AND PAS TOTAL METALS Standard Procedure for Field Collection and Laboratory Analysis (cite references): Sample PLAN TABLE 4-1 - PARKIME SUHODL WELL W3-Z (MW-11) BE SAMPLED. To Reason for Change in Field Procedure or Analytical Variation: TYPO W PAW Variation from Field or Analytical Procedure: PARKDALE SUHOOL WELL SAMPLED Special Equipment, Materials or Personnel Required: ___ - FIELD COUPDINTTOR Initiators Name: - GITE MANAGER Date: Project Approval: Laboratory Approval: Date: _____ QA Officer/Reviewer: Date:

TDMT Filing:_

Unstablically TDCN: 0248

- Project #: 62251 Loc: 09.74 Type:24



Exhibit 2.4-7

Sample Alteration Checklist
NEWMARY GROWDWATER CONTIAMINATION SUPERFUND

Project Name and Number: SITE - MUSCOY OU WIERIM S	Amt4NG-62251.50,
Material to be Sampled:	
Measurement Parameter: SAMPLING LOCATION PHOTOGRA	PIB
Standard Procedure for Field Collection and Laboratory Analysis (cite references):_ SECTION 6. Z LINES 16 & 17, TAKE PHOTO OF FACH WELL SAMPLING LOCATION, "	AT LEAST ONE
Reason for Change in Field Procedure or Analytical Variation: A LARGE, Photos were taken Durwo THE A	NUMBER OF MANMARK PI/FS.
THE MAIN GOAL WAS TO HAVE PHOTO	
NOT PHOTOGRAPHED BEFORE. THE PHO	TOS NOT YET
NOT PHOTOGRAPHED BEFORE. THE PHOTOGRAPHED BEFORE. THE PHOTOGRAPHED BEFORE THE PHOTOGRAPHED BEFORE THE BE	ACCOMPLIBATED
BY THE END OF THE NEXT GW SAMPLING	
ALLESS PROBLEMS, Variation from Field or Analytical Procedure: PHOTOGRAPHS WESTER ONLY OF WELLS NOT PREMOVELY PH	FOTOGRAFIED
PHOTOS OF MUSICOY WHALLS WERE NOT C	
THE BEGINNING OF THE EVENT DUE	I I
ISSUES	
Special Equipment, Materials or Personnel Required:	
Initiators Name: - FIELD COUPDIANTAR Project Approval: - SITE MANAGER	Date: 5/7 193
Project Approval: -SITE MANAGER	Date: 5/7 193
Laboratory Approval:	Date:
QA Officer/Reviewer:	Date:
TDMT Filing:	Date:
	i



Sample	Alteration Check	klist	- 1	1.0605 A
NEWMARK	Alteration Check BLOUNDWATER	CONTEMMINA	(/6/\)	DUSCEFOND
, •				

NEWWALK OCOUNTY TEXT CONTINUES TO	
Project Name and Number: SITE - MUSCOY OU WIERIM SAMPLING-62251.50,40	
Material to be Sampled: <u>EQUIPMENT</u> RINSATE WATER	
Measurement Parameter: SAS DW VOCs, TPH GAS & DIESEL, RAS PIPLBS, BNAS, TOTAL I	META
Standard Procedure for Field Collection and Laboratory Analysis (cite references): SAMPLE PLAN PEUISION Ø TABLE 5-Z P. 48 AMD SECTION 6.8, 4 LINES 849,	
" AT LEAST ONE EQUIPMENT PINGATE BLANK WILL BE ANALYZED	
PEIL TEN ENVIRONMENTAL SAMPLES COLLECTED.	
Reason for Change in Field Procedure or Analytical Variation: THE SAMPLES COLLECTED From SAMPLING STATIONS MW-113, MW-114, & MW-115	
UTILIZED DEDICATED SAMPLING EDVIPMENT, THEREFORE	
NO RINGATES WERE MEEDIED,	
Variation from Field or Analytical Procedure: ONE · EQUIPMENT RINGATE BLANK	
PER TEN ENVIRONMENTAL SAMPLES WAS NOT COLLECTED.	
NET RESULT, ONE TWO LESS SAMPLES COLLECTED FOR	
GAS DW VOLS, TAA GAS A DIESEL, FAS PACBS, BNAS A	
TOTAL METALS SINGE WEALLY-OF AND LAEDIS-OF WERE	
NOT CONFITED.	/
Special Equipment, Materials or Personnel Required:	12345
TDWI TDWI	િ
1:)(a)	(E)
Initiators Name: John - FIELD COUPDIANTOR Date: 5/25/93 Project Approval: Date: 5/25/93 Date: 5/25/93	
Project Approval: Date: Date: 5/25/93	
Laboratory Approval: Date:	
QA Officer/Reviewer: Date:	
TDMT Filing: Date:	

URS TOMT Only | TDCN: 0291

Project #: 62251 Loc: 09. 24 Type: 24

URS Consultants

NEWMARK GROW!	wit?	EL CONTAMINATION SUPERFUND	
or: SITE - MUSCOY	00	WTEXIM SAMPYN6 - 62251,50	.40

Project Name and Number: 5/7E - MUSCOY OU MISSIM	7
Material to be Sampled: WATER	
Measurement Parameter: KAS P/PCBs, BWAs, TOTH METALS	SAS VOCS / TAY 61 D &
	,
Standard Procedure for Field Collection and Laboratory Analysis (cite references)	Property Willelm
SAMPLING PLAN REND YABLE 5-Z SAM	
FOR COLLECTION WEQ113-01, WEQ115-01, W	MC13-01, WMC14-01
WTR15-01, & WTR16-01.	160}
Reason for Change in Field Procedure or Analytical Variation:	- RINGATES WERE
NOT REQUIRED BECAUSE DEDICATED PUMPS:	WEITE UHED TO
SAMPLE WEUS MW-113 & MW-114, TRIP	BLANG (TR)
13 THROUGH 6 WERE NOT REDURED B	EFORE SAMPLING
WAS COMPLETED	
AND TPH GAS A DIESEL SAMPLES AND) / 1-65
5AB DW VOL GAMPIES COLLECTED THA	-
	-
	N SCHEDVUED
SAS DW VOL GAMPLES COLLECT ED THA	N SCHEDVUED
SAS DW VOL GAMPLES COLLECT ED THA	N SCHEDVUED
Special Equipment, Materials or Personnel Required:	N SCHEDVUED
Special Equipment, Materials or Personnel Required:	N SCHEDVIED
Special Equipment, Materials or Personnel Required: Initiators Name: I	N SCHEDVIED
Special Equipment, Materials or Personnel Required: Initiators Name: FELD COOPD INATOR Project Approval: STEE MANAGER	Date: 05/26/93 Date: 05/28/93
Special Equipment, Materials or Personnel Required: Initiators Name: FED COURD INATOR Project Approval: Laboratory Approval:	Date: 05/26/93 Date: 05/28/93 Date: